

Serial: RNP-RA/10-0041

APR 22 2010

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23

SUPPLEMENTAL INFORMATION TO REQUEST FOR TECHNICAL SPECIFICATIONS
CHANGE REGARDING STEAM GENERATOR ALTERNATE REPAIR CRITERIA

Ladies and Gentlemen:

In a letter dated December 16, 2009, as supplemented by a letter dated March 11, 2010, Carolina Power and Light Company, also known as Progress Energy Carolinas (PEC), Inc., submitted a request for an amendment to the Technical Specifications (TS) contained in Appendix A of the Operating License for H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2. The proposed amendment would modify TS 5.5.9 to revise the steam generator (SG) alternate repair criteria and TS 5.6.8 to revise the SG tube inspection reporting requirement. This letter provides supplemental information related to that amendment request.

In the December 16, 2009 letter, PEC committed to perform a one-time verification of the expansion locations to determine if any significant deviations exist in the distance from the top of the tubesheet (TTS) to the bottom of the expansion transition (BET). This verification was completed by analyzing the bobbin probe data from the following inspections:

- SG-A: October 1999, October 2002
- SG-B: May 2004
- SG-C: April 2001, October 2002

The analysis of the bobbin probe data was performed by automatic computer analysis in accordance with Westinghouse procedure MRS-GEN-1301, Rev. 1. Results from the automatic analysis for BET locations greater than 0.3 inch below the TTS were further reviewed to verify that the identified position of the BET was not affected by manufacturing or data artifacts that were improperly interpreted as the TTS or the BET.

The following table provides a summary of the tubes where the results were greater than 0.3 inches. Based on this data, 14 tubes were determined to exceed 0.5 inches. PEC commits to perform an inspection of tubes that exceed 0.5 inches. These tubes are in addition to the two tubes that are not fully expanded that had been previously identified for inspection. The inspection for these tubes will be for the full length of the tube within the tubesheet on the side (hot leg or cold leg) that exceeds the 0.5 inch criterion.

Total Number of Tubes with BET within the Listed Ranges

	BET Location Relative to TTS (distance in inches)								
	1.2 to 1.1	1.1 to 1.0	1.0 to 0.9	0.9 to 0.8	0.8 to 0.7	0.7 to 0.6	0.6 to 0.5	0.5 to 0.4	0.4 to 0.3
SG-A	0	1	0	0	0	0	2	9	108
SG-B	1	0	0	1	2	0	4	23	120
SG-C	0	0	0	0	0	2	1	39	265
Total	1	1	0	1	2	2	7	71	493

Attachment I provides an Affirmation pursuant to 10 CFR 50.30(b).

In accordance with 10 CFR 50.91(b), PEC is providing the State of South Carolina with a copy of this supplemental information for the proposed license amendment.

If you have any questions concerning this matter, please contact me at (843) 857-1626.

Sincerely,



Curt Castell
 Supervisor – Licensing/Regulatory Programs

CAC/rac

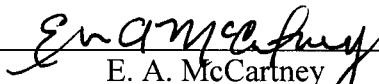
Attachments:

- I. Affirmation
- c: Ms. S. E. Jenkins, Manager, Infectious and Radioactive Waste Management Section (SC)
 Mr. A. Gantt, Chief, Bureau of Radiological Health (SC)
 Mr. L. A. Reyes, NRC, Region II
 Mr. T. Orf, NRC Project Manager, NRR
 NRC Resident Inspectors, HBRSEP
 Attorney General (SC)

AFFIRMATION

The information contained in letter RNP-RA/10-0041 is true and correct to the best of my information, knowledge, and belief; and the sources of my information are officers, employees, contractors, and agents of Carolina Power and Light Company, also known as Progress Energy Carolinas, Inc. I declare under penalty of perjury that the foregoing is true and correct.

Executed On: 4/22/10


E. A. McCartney
Vice President, HBRSEP, Unit No. 2